

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	2	US-4632785-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:09
L4	2	US-4540781-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:10
L12	93236	(trimer\$ or isocyanurate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:48
L13	31943	12 and \$isocyanate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:48
L14	38140	12 and (ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:49
L15	14619	13 and (ammonium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:49
L16	387377	15 and hydroxy near3 carboxylic with acid or (glycolic or lactic or citric or methyl\$lactic or hydroxy\$butyric or hydroxy near3 methyl\$butyric or gluconic or citramalic or saccharic or ribonic or benzilic or quinic or mandelic or glucuronic or tartaric or malic or hydroxy\$caproic or phenyl\$lactic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:51

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L17	5476	15 and (hydroxy near3 carboxylic with acid or (glycolic or lactic or citric or methyl\$ or hydroxy\$butyric or hydroxy near3 methyl\$butyric or gluconic or citramalic or saccharic or ribonic or benzilic or quinic or mandelic or glucuronic or tartaric or malic or hydroxy\$caproic or phenyl\$ lactic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:52
L18	2350	17 and (cyclo\$aliphatic or aliphatic) with \$5isocyanate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:53
L19	2132	18 and (((hexane or hexamethylene) with \$5isocyanate) or (isophorone with \$5isocyanate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:54
L20	239	19 and ((trimer\$ or isocyanurate).ti. or (trimer\$ or isocyanurate).dlm. or (trimer\$ or isocyanurate).ab.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:55
L21	206	20 and @ad< "20050310"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:56
L22	111187	ammoni\$ same3 (hydroxy near3 carboxylic with acid or (glycolic or lactic or citric or methyl\$ lactic or hydroxy\$butyric or hydroxy near3 methyl\$butyric or gluconic or citramalic or saccharic or ribonic or benzilic or quinic or mandelic or glucuronic or tartaric or malic or hydroxy\$caproic or phenyl\$ lactic))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:59
L23	7105	22 and (trimer\$ or isocyanurate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:59

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L24	2574	23 and \$5isocyanate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 08:59
L25	1598	24 and (((hexane or hexamethylene) with \$5isocyanate) or (isophorone with \$5isocyanate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 09:00
L26	1268	25 and @ad< "20050310"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 09:00
L29	16	(US-20070112085-\$ or US-20070197759-\$ or US-20040186194-\$).did. or (US-4040992-\$ or US-3862150-\$ or US-4220727-\$ or US-4540781-\$ or US-4771025-\$ or US-5278120-\$ or US-6207725-\$ or US-3980594-\$ or US-7579426-\$ or US-6660781-\$ or US-6365655-\$).did. or (JP-2002097244-\$). did. or (US-3980594-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/10/22 09:11
L31	16	(US-20070112085-\$ or US-20070197759-\$ or US-20040186194-\$).did. or (US-4040992-\$ or US-3862150-\$ or US-4220727-\$ or US-4540781-\$ or US-4771025-\$ or US-5278120-\$ or US-6207725-\$ or US-3980594-\$ or US-7579426-\$ or US-6660781-\$ or US-6365655-\$).did. or (JP-2002097244-\$). did. or (US-3980594-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/10/22 09:11
L33	3	31 and chlorine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/22 09:48

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L34	15	(US-20070112085-\$ or US-20070197759-\$ or US-20040186194-\$).did. or (US-4040992-\$ or US-3862150-\$ or US-4220727-\$ or US-4540781-\$ or US-4771025-\$ or US-5278120-\$ or US-6207725-\$ or US-3980594-\$ or US-7579426-\$ or US-6660781-\$).did. or (JP-2002097244-\$).did. or (US-3980594-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/10/22 09:49
S1	9	US-5691440-\$.DID. OR US-3862150-\$.DID. OR US-5436336-\$.DID. OR US-2631733-\$.DID. OR US-4040992-\$.DID. OR US-2916201-\$.DID. OR US-4454317-\$.DID. OR US-9312153-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/14 15:26
S2	1	"10589659"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/14 15:27
S3	72311	quaternary near ammonium near salts	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:31
S4	3671131	organic acids	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:31
S5	4874	(quaternary near ammonium near salts) same organic adj acid	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:32
S6	4874	(quaternary near ammonium near salts) same (organic adj acid)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:32
S7	163	S6 and (trimer or trimerization)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:32

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S8	61	S7 and isocyanurate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:33
S9	41	"3980594"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 08:37
S10	44	"2993870"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 11:16
S11	42	"3657161"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 11:20
S12	3	S9 and (dibutyl adj phosphate)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 11:42
S13	0	S6 and (glycolic and gluconic and citramalic and benzilic and mandelic and tartaric)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:30
S14	113	(glycolic and gluconic and citramalic and benzilic and mandelic and tartaric)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:30
S15	65891	acid adj (glycolic or lactic or benzilic or gluconic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:52

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S16	0	S15 near ammonium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:52
S17	10302	S15 same ammonium	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:52
S18	9	S17 same isocyanurate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:53
S19	6839	(ammonium adj salt) and isocyanurate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:56
S20	2211	S19 and (glycolic or lactic or citric or malic or tartaric or benzilic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:57
S21	1	S19 and (glycolic and lactic and citric and malic and tartaric and benzilic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:57
S22	201	S19 and (glycolic and lactic and citric)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:57
S23	2	S19 and (glycolic and lactic and citric and benzilic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:58

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S24	33	S19 and (glycolic and lactic and citric and gluconic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 13:58
S25	15	"3726816"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/15 14:04
S26	1	"10589659"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/26 08:46
S27	1	"10589659"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 10:26
S28	1	"10589659"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:05
S29	3	"20060172225"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:39
S30	1	EP-630928-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:42

EAST Search History (Prior Art)

S31	1	DE-2631733-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 11:43
S32	30	("2978449" "3645979" "3745133" "3980594" "3981829" "3993223" "4040992" "4067830" "4115373" "4324879" "4412073" "4454317" "4614785" "4801663" "4960848" "5070137" "5124427" "5436336").PN. OR ("5691440").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:13
S33	77	("2842506" "2932621" "3010963" "3892687" "B490946" "B497194").PN. OR ("4040992").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:17
S34	5	("4994541" "5237058").PN. OR ("5436336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:17
S35	0	"10516074"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:21
S36	1	"10469846"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:22
S37	1	US-4537961-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:23
S38	2	JP-02110123-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 12:26
S39	11	("3995997" "4288586" "4454317" "4596679" "5436336" "5798431").PN. OR ("6093817").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:44
S40	16	("3954684" "3980594" "4040992" "4748242" "4960848" "5240970" "5288864" "5298431" "5641726" "5691440" "5696292" "6093817" "6452003" "6552154" "6613863").PN. OR ("7001973").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 12:52
S41	19	("3127404" "3193515" "3862150" "4040992" "4111914" "4335219" "4503226" "4542214" "4904629" "5086081").PN. OR ("5288864").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:13

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S42	46	("2866802" "3487080" "3657161" "3711444" "3715337" "3817939").PN. OR ("3980594").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:18
S43	59	("2932621" "3385806" "3728291" "3892687" "3988267" "3993652" "4007140" "4025466" "4040992" "4049591" "4086213" "4101465" "4116879" "4165412" "4175097" "4204062" "4211849" "4232152" "4286072" "4366084" "4419461" "4421869" "4450246" "4464488" "4469653" "4563484" "4582861" "4617286" "4621106" "4701474" "4758605" "4780485" "4785025" "4785027" "4880848" "4935453" "5006501" "5168009" "5179131" "5240970" "5252624" "5288833" "5288864" "5304578" "5306738" "5308882" "5321050" "5478494" "5591781" "5859079" "6114403" "6232356" "6387972" "6395796" "6423756" "6660781").PN. OR ("6818675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 13:51
S44	24	S43 and (isocyanurate or trimer\$)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/21 14:00
S45	6	"9312153"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:13
S46	4	"03020784"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:17
S47	2	"20040186194"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:19
S48	2	US-5143945-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:21

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S49	2	US-5688835-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:22
S50	0	"20020972443"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:26
S51	4	"2002097244"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:26
S52	2	US-3862150-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/21 16:33

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	26	"Term Removed"	USPAT	OR	ON	2009/10/22 09:11
L32	26	"Term Removed"	USPAT	OR	ON	2009/10/22 09:11
L35	26	"Term Removed"	USPAT	OR	ON	2009/10/22 09:49
S53	4293	528/52 528/53 544/193 544/222 528/45 528/73 252/182.2	USPAT; UPAD	OR	ON	2009/10/21 15:29
S54	3800	S53 and \$5isocyanate	USPAT; UPAD	OR	ON	2009/10/21 15:29
S55	2241	S54 and (trimer\$ or isocyanurate)	USPAT; UPAD	OR	ON	2009/10/21 15:30
S56	1087	S55 and ammonium	USPAT; UPAD	OR	ON	2009/10/21 15:30